

The diagram illustrates a sample analysis apparatus (1) and its connection to a computer (2). The apparatus (1) is enclosed in a dashed box and includes the following components and connections:

- Light-Source Control Unit (12):** Connected to the Computer (2) and the Power Supply Unit (25).
- Stepping-Motor Control Unit (16):** Connected to the Computer (2) and the Sample Base-Motor Control Unit (29).
- Sample Base-Motor Control Unit (29):** Connected to the Computer (2) and the Sample Recovery Mechanism (28).
- Power Supply Unit (25):** Connected to the Computer (2) and the Sample Recovery Mechanism (28). It also receives AC100V input.
- Sample Recovery Mechanism (28):** A complex mechanism that includes a sample base (20) and a sample recovery mechanism (28). It is connected to the Power Supply Unit (25) and the Sample Base-Motor Control Unit (29).
- Other Components:** The apparatus also includes a Spectro Scope (14), a Sample Base (20), a Sample Recovery Mechanism (28), and various other mechanical parts labeled with numbers 11, 13a, 13b, 15, 17, 18, 19, 22, 23, 24, 26, 27, 30, and 31.

The Computer (2) is connected to the Light-Source Control Unit (12), the Stepping-Motor Control Unit (16), the Sample Base-Motor Control Unit (29), and the Power Supply Unit (25). The Power Supply Unit (25) is connected to the Sample Recovery Mechanism (28) and receives AC100V input.

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FIG.2

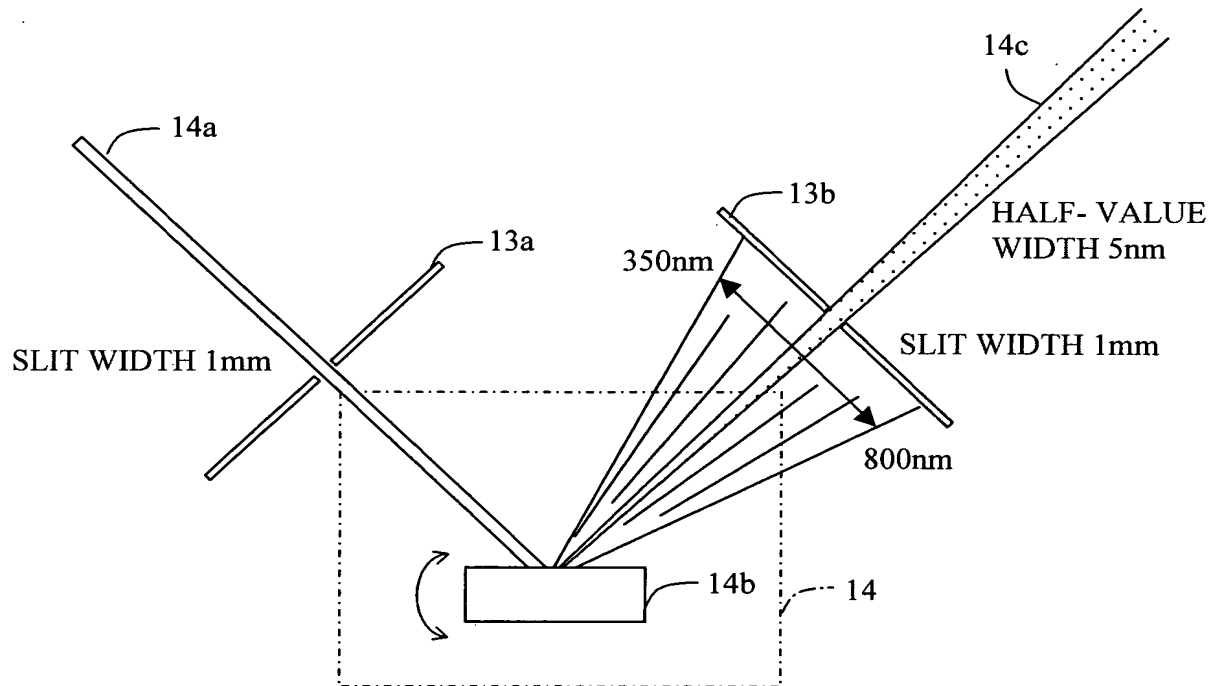


FIG.3

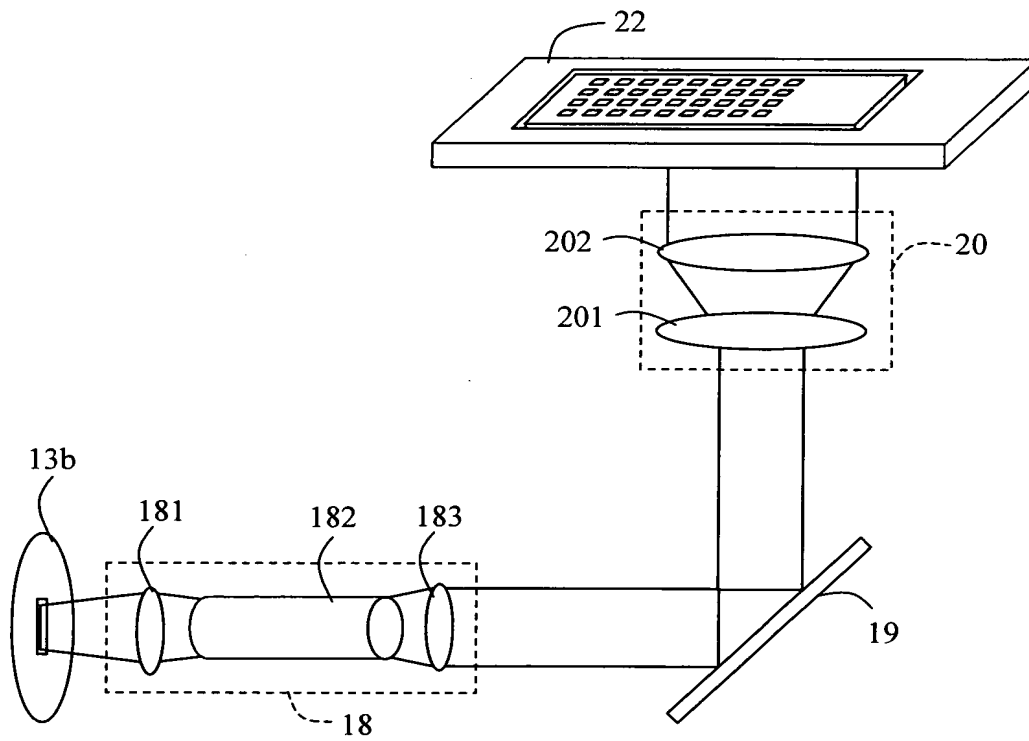


FIG.4A

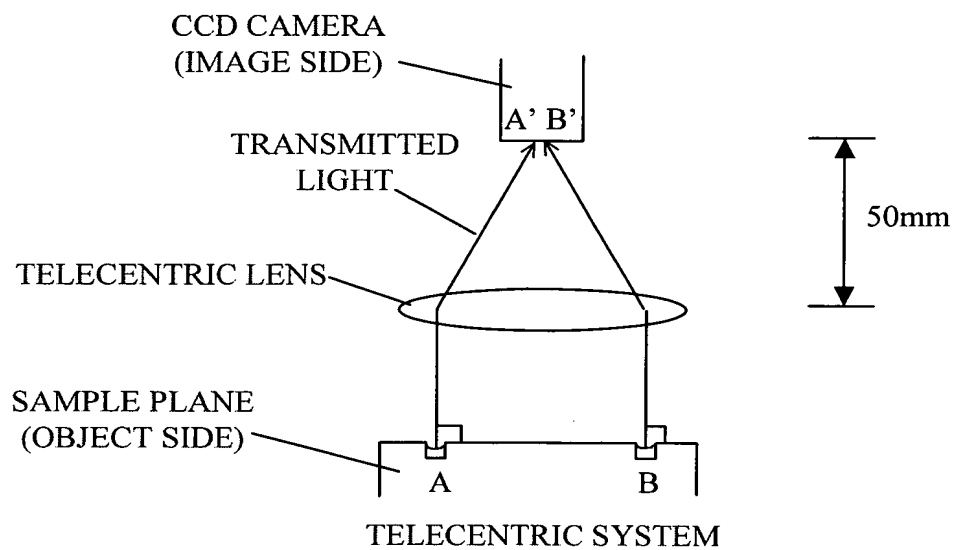
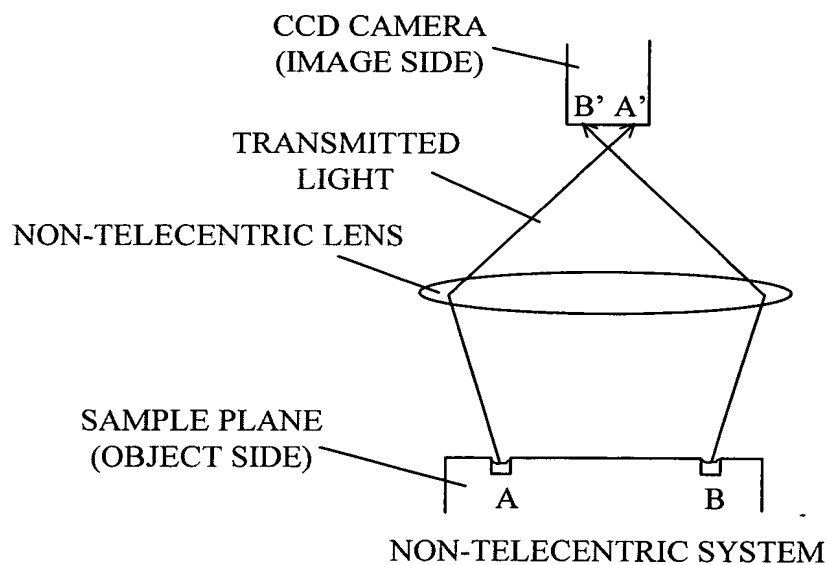


FIG.4B



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FIG.5

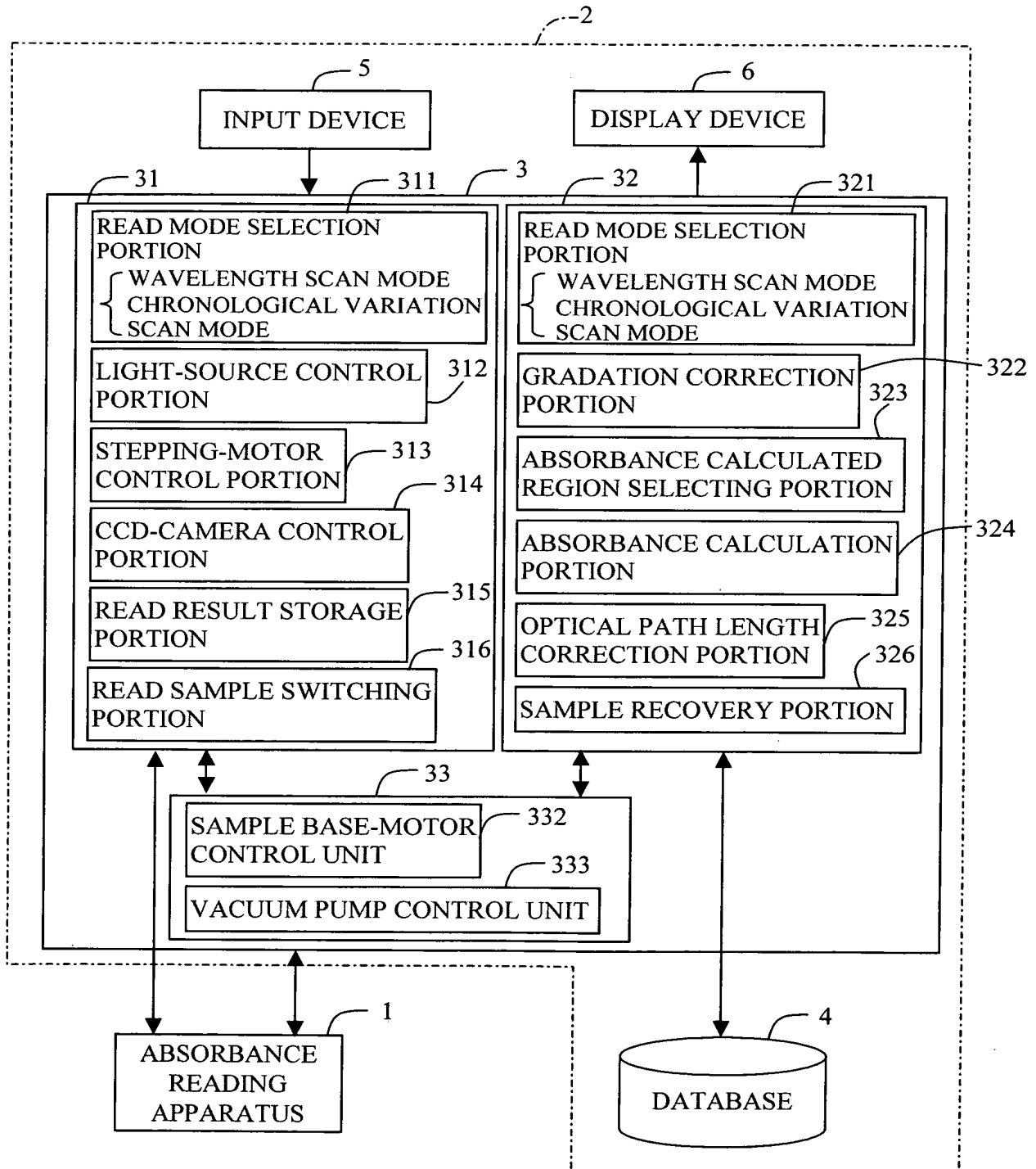


FIG.6

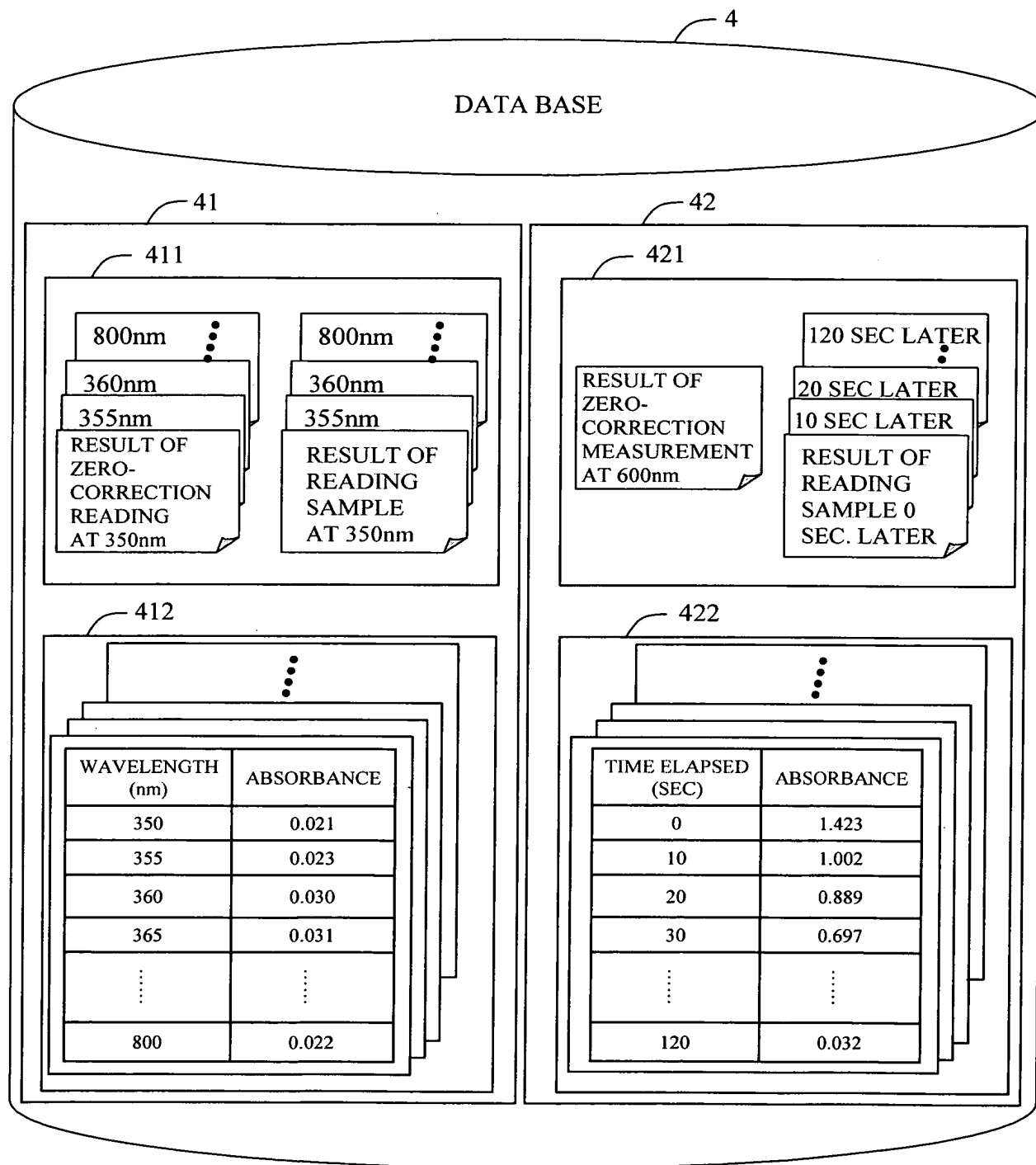


FIG.7

61

READ MODE

● WAVELENGTH SCAN MODE
○ CHRONOLOGICAL VARIATION SCAN MODE

62 EXPOSURE TIME 1.00 msec

63 READ START WAVELENGTH 350 nm READ END WAVELENGTH 800 nm 64

65 READ WAVELENGTH RESOLUTION 5 nm 67

66 TIME INTERVAL sec NUMBER OF TIMES OF READIN times

68
BINING NUMBER

FIG.8

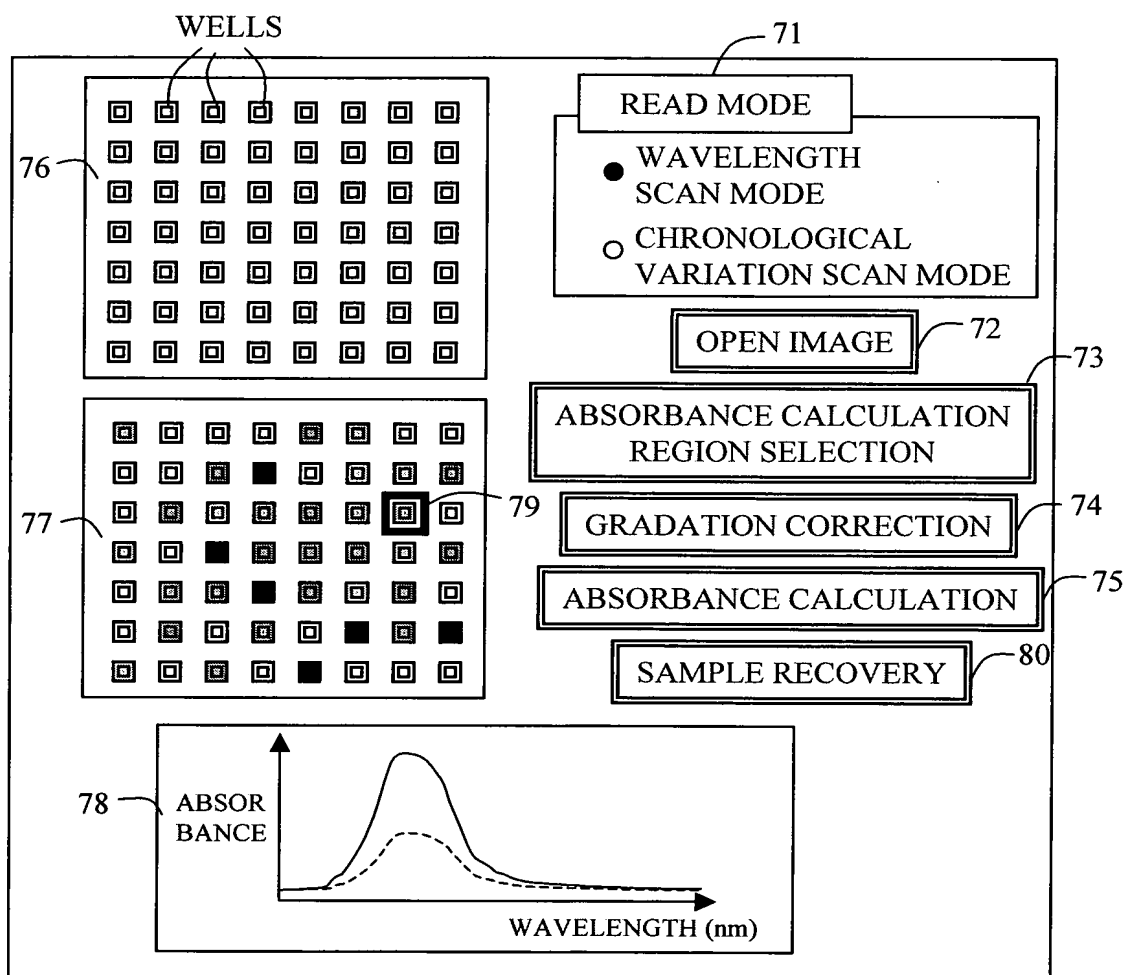


FIG.9

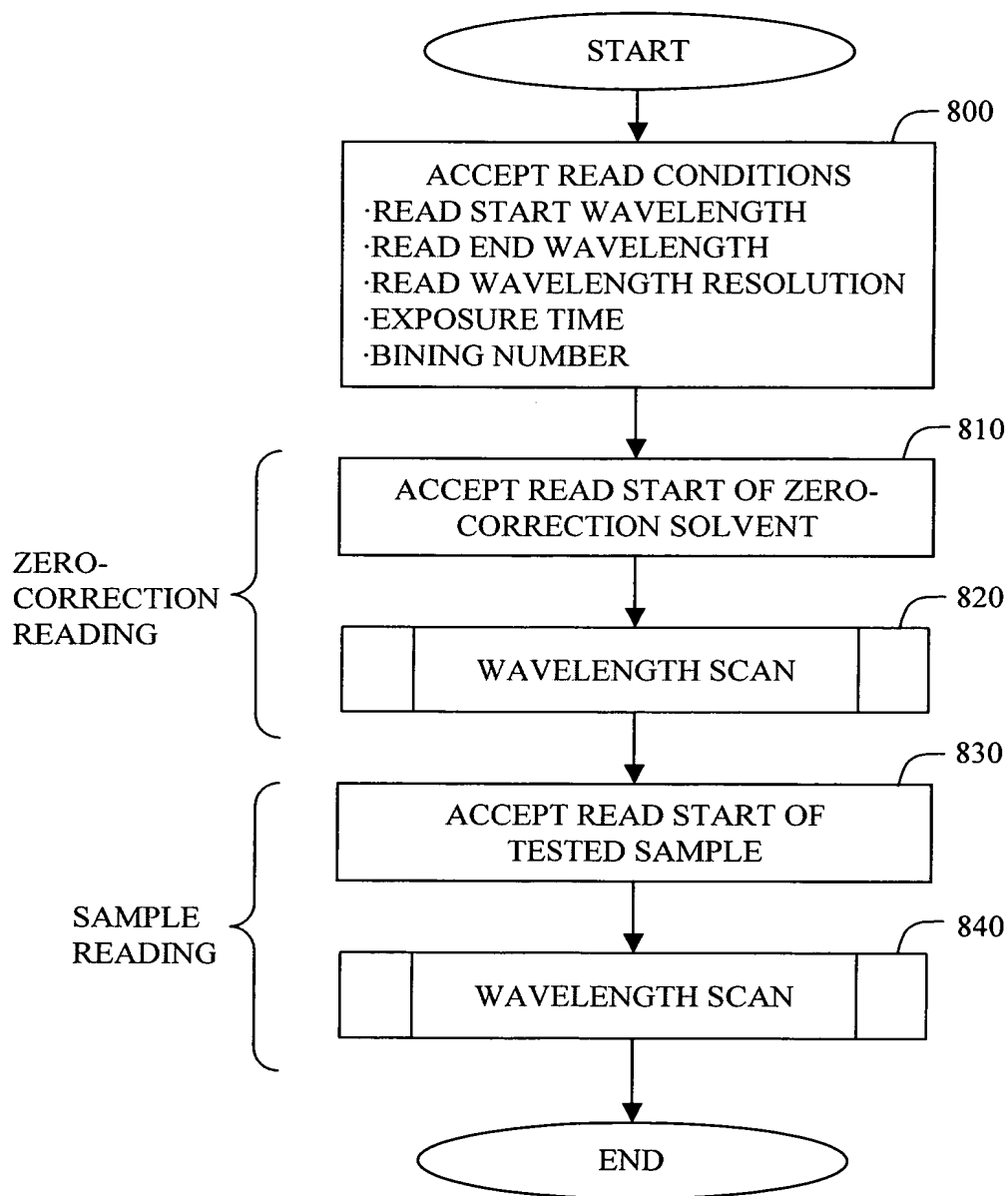


FIG.10

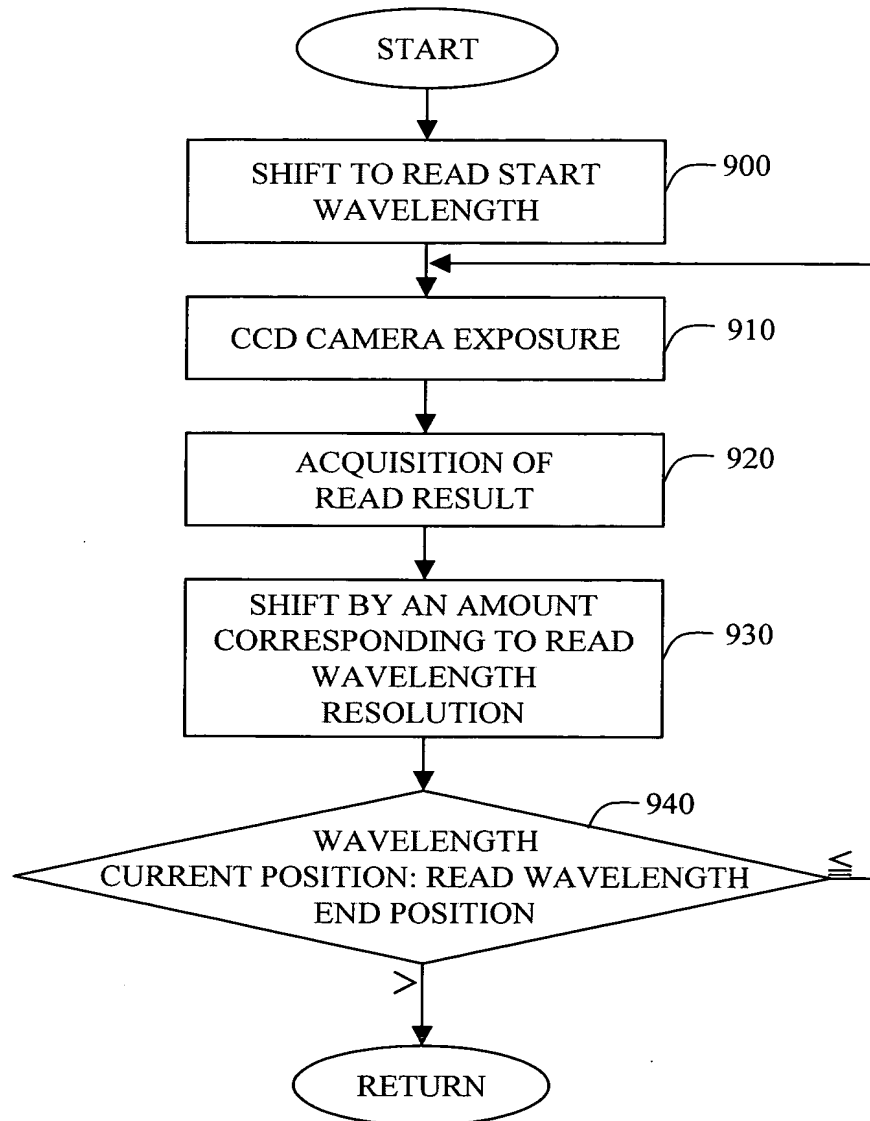


FIG.11

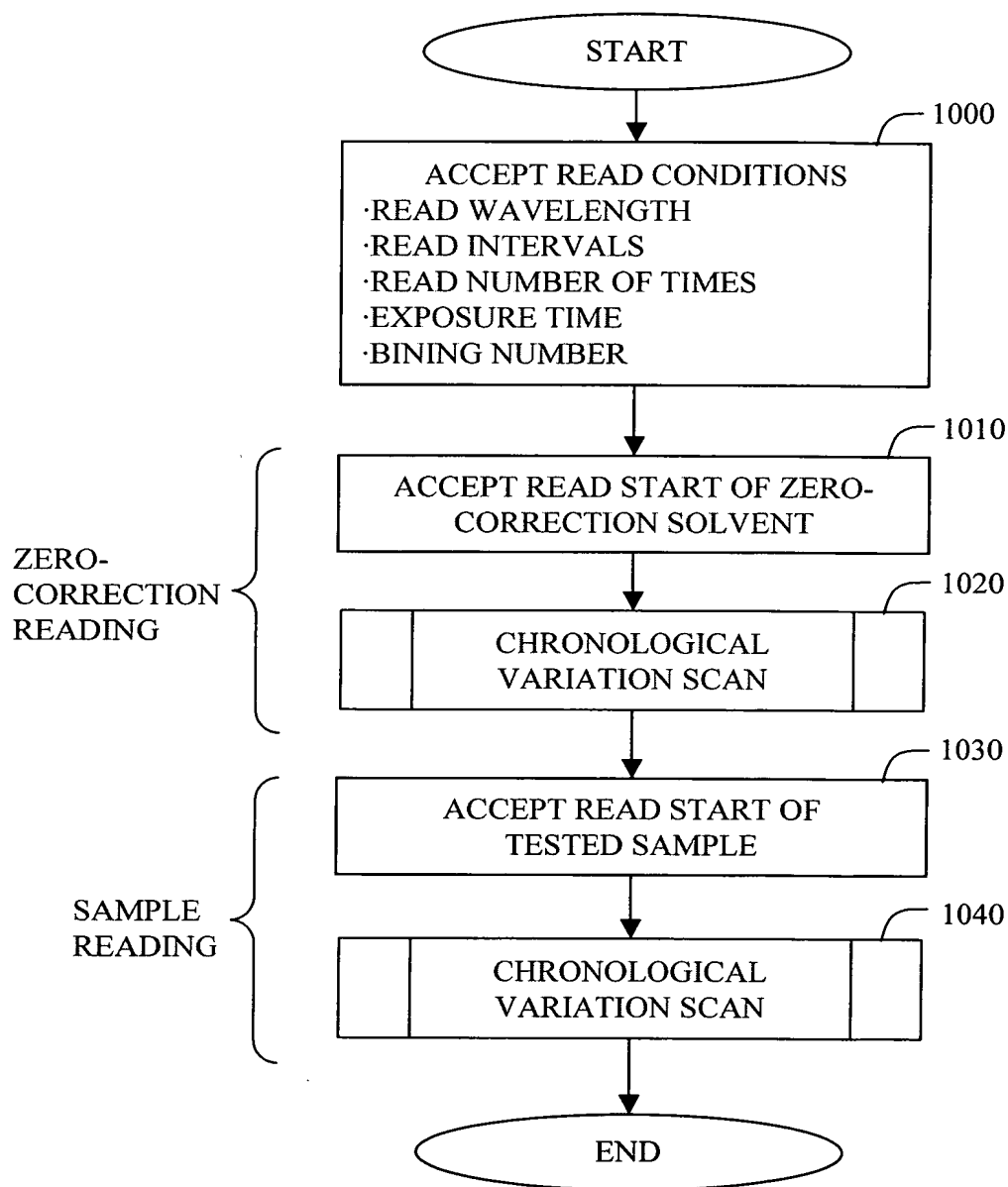


FIG.12

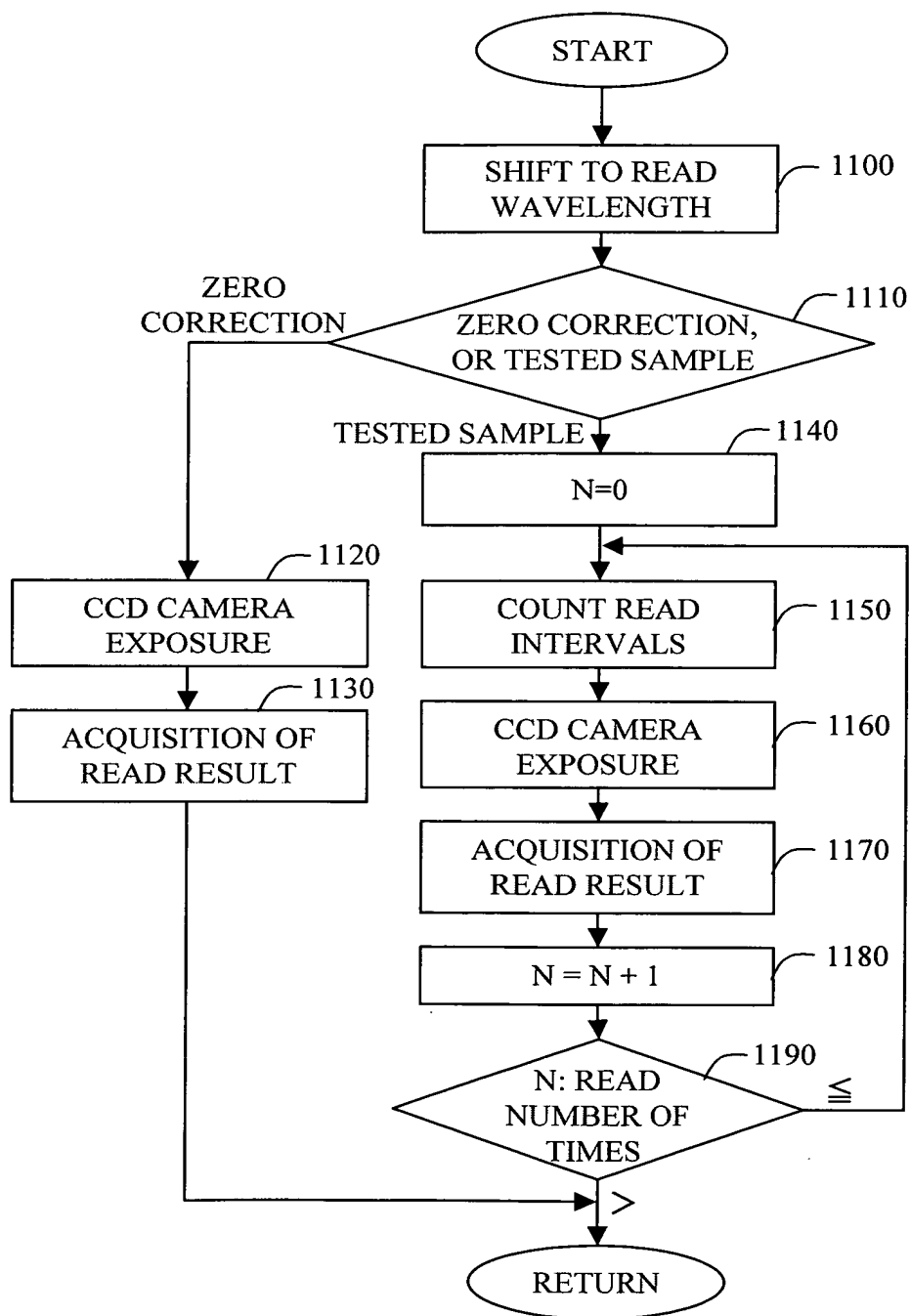


FIG.13

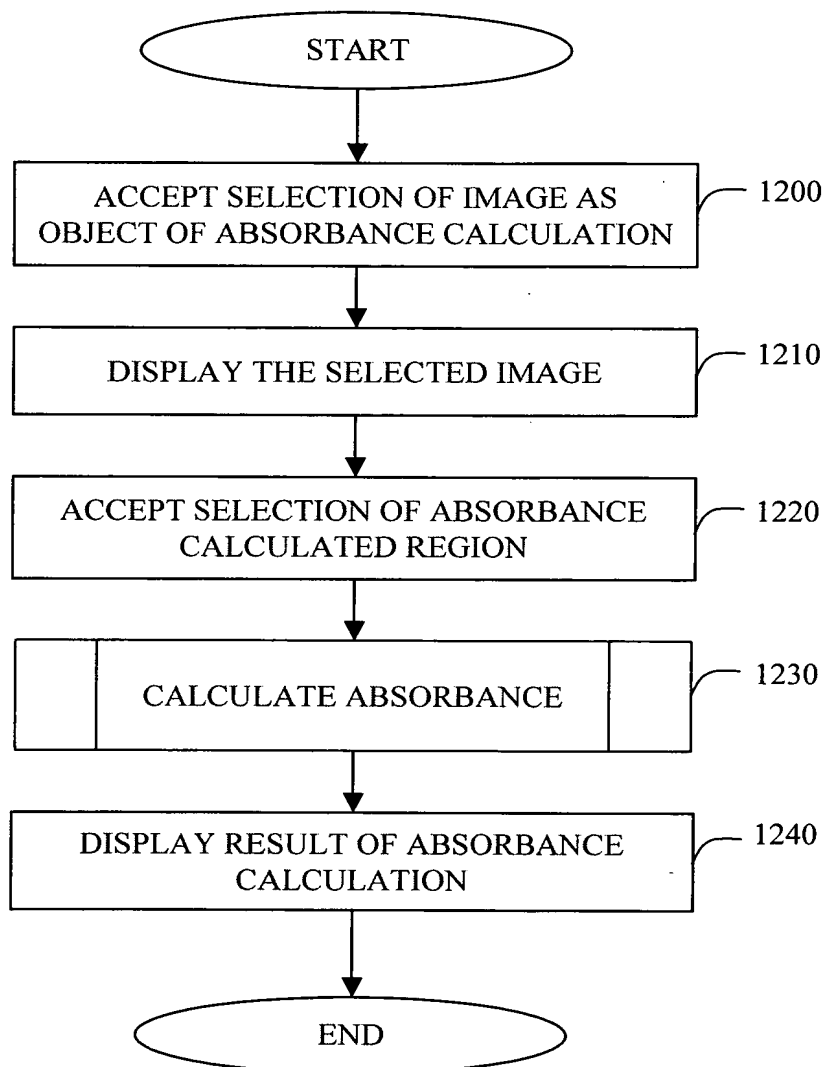


FIG.14

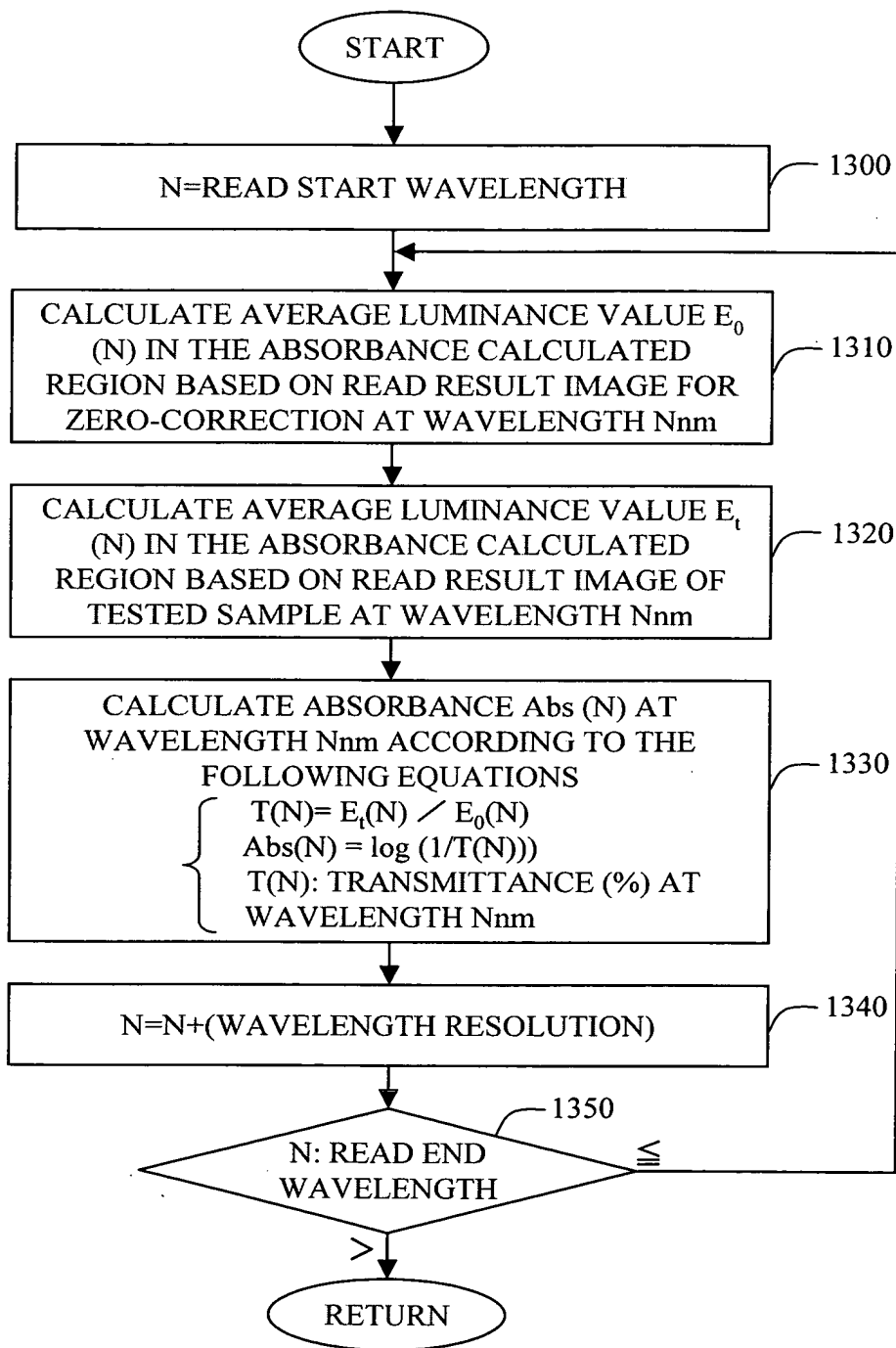


FIG.15

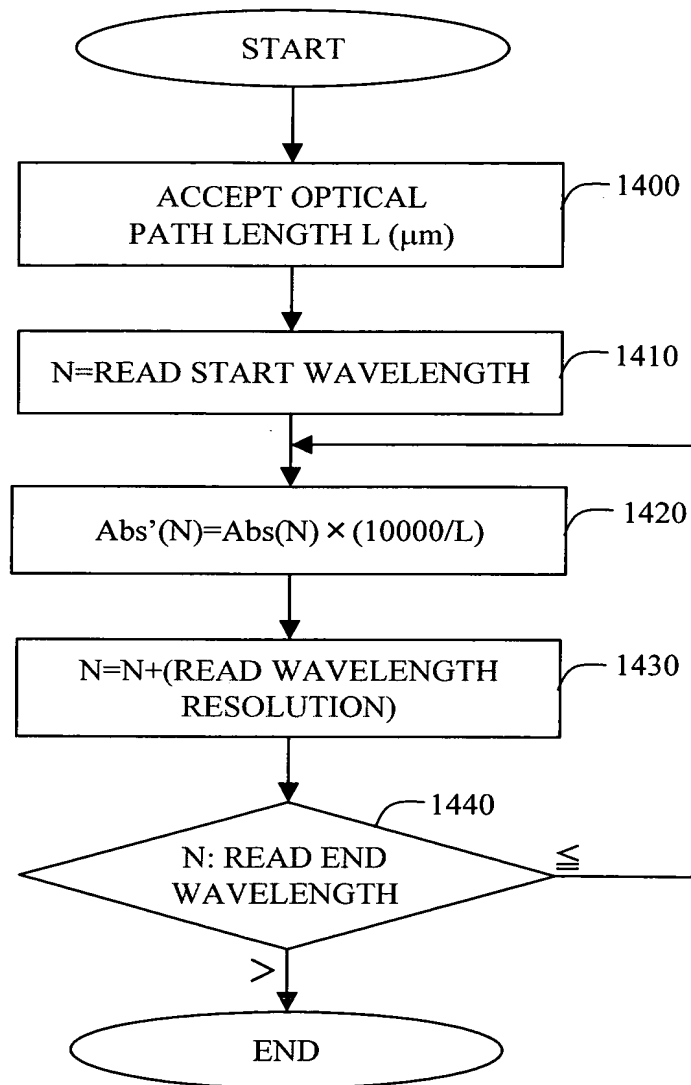


FIG.16

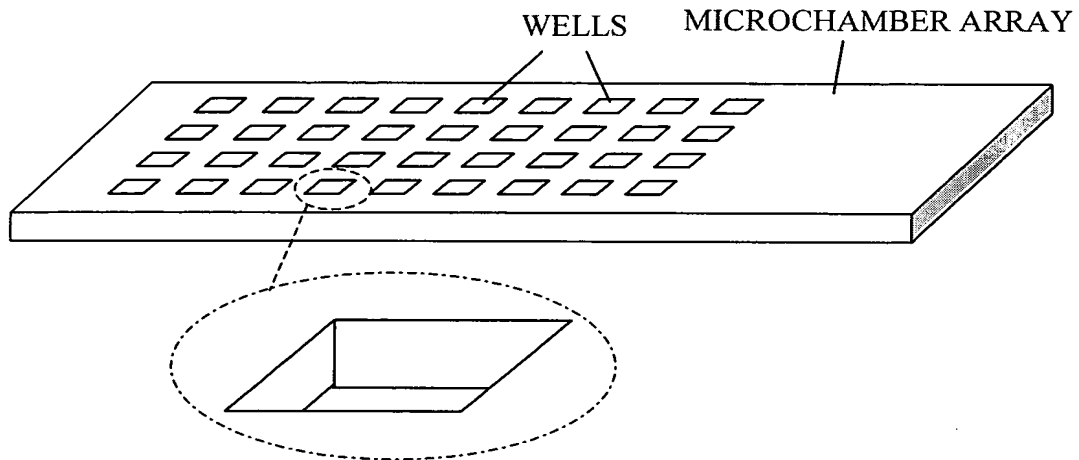


FIG.17

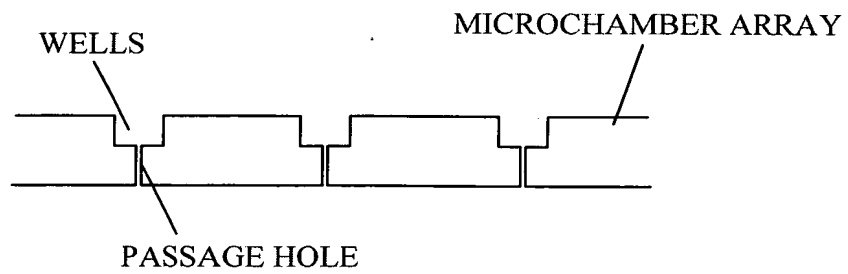


FIG.18a

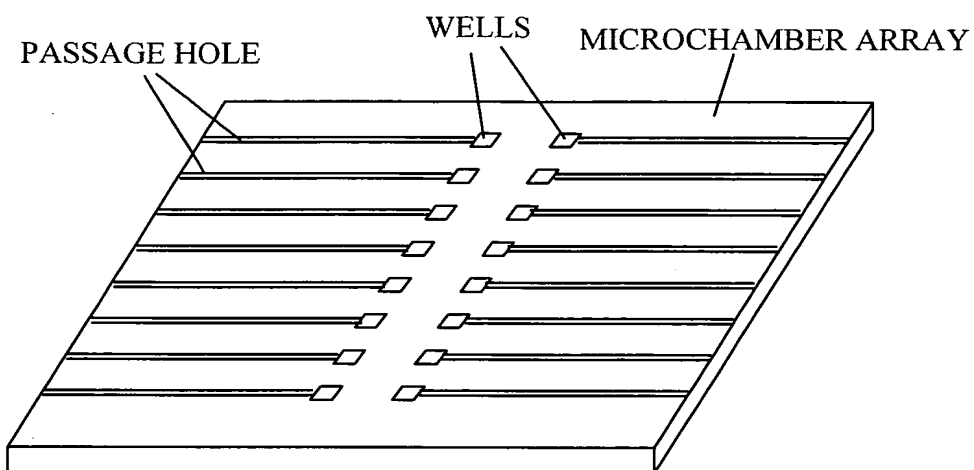


FIG.18b

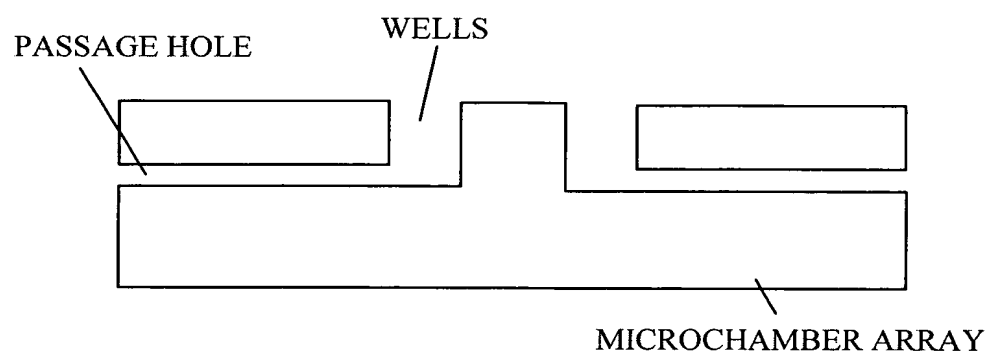


FIG.19

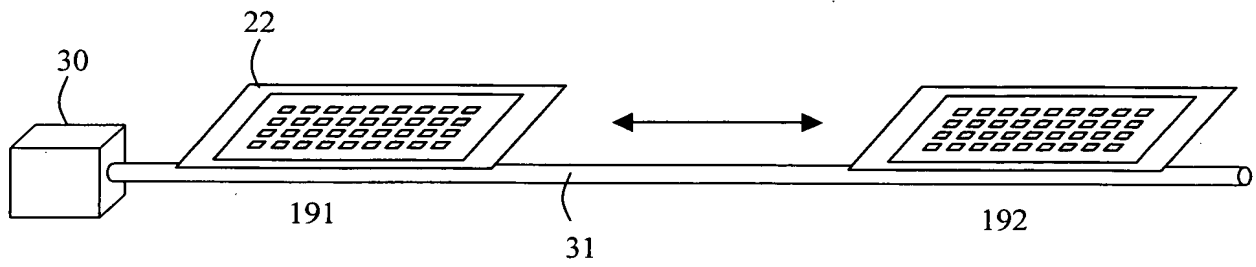


FIG.20

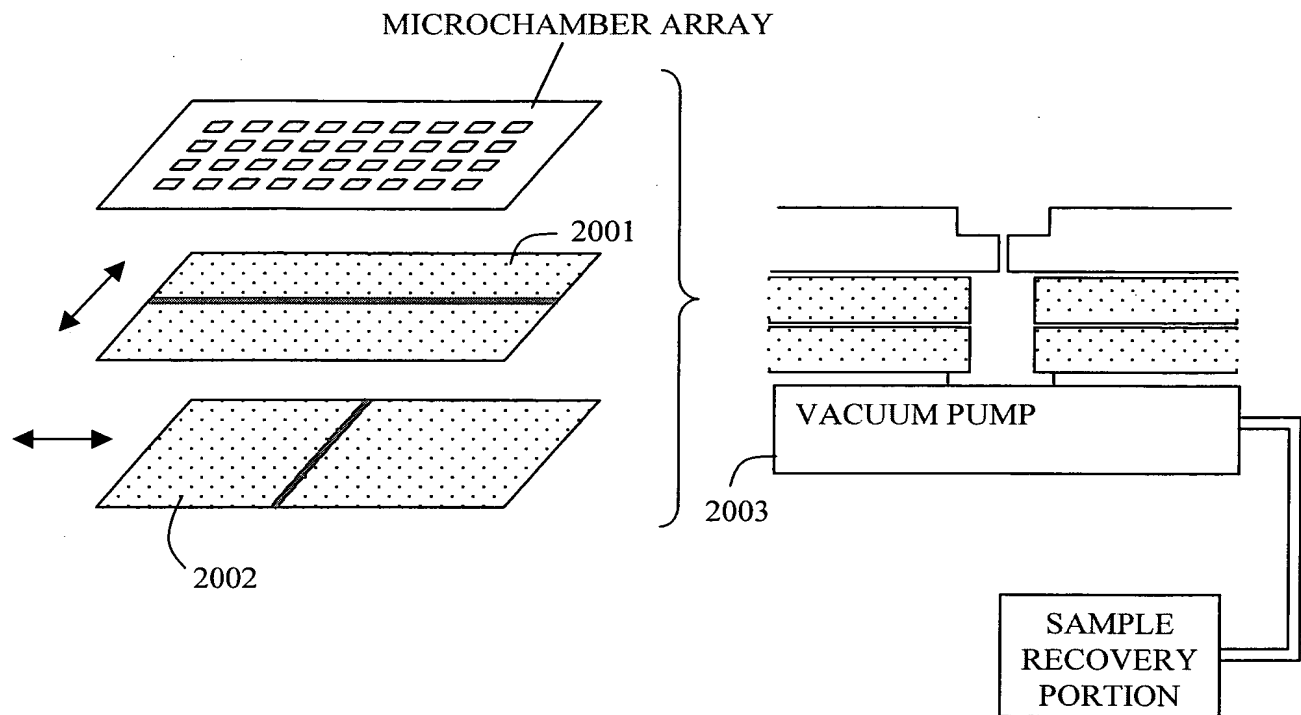


FIG.21

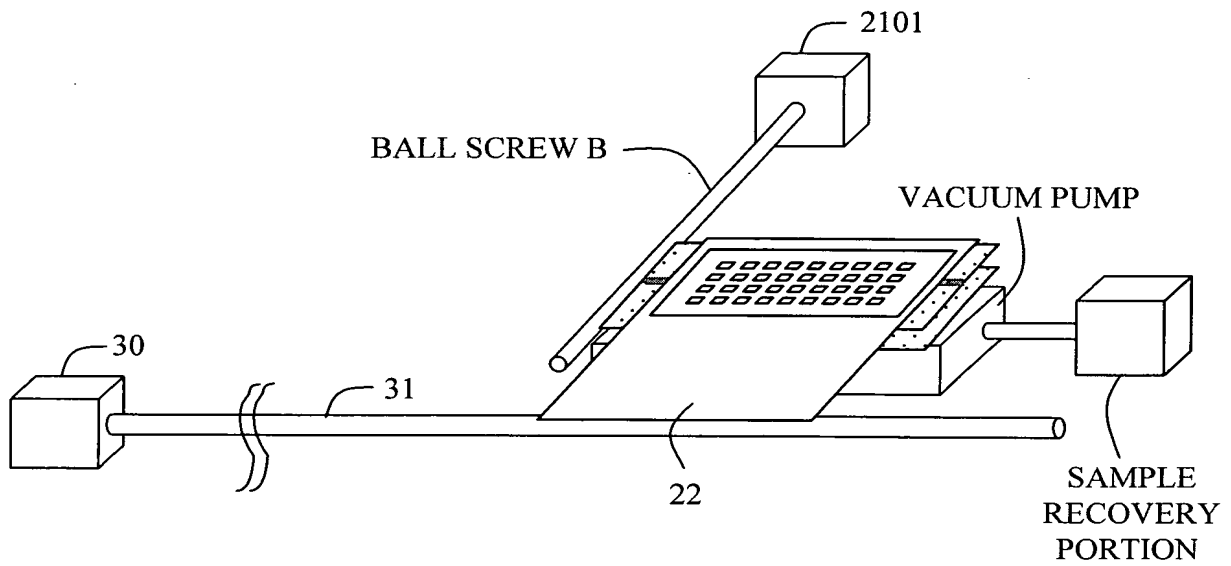


FIG.22

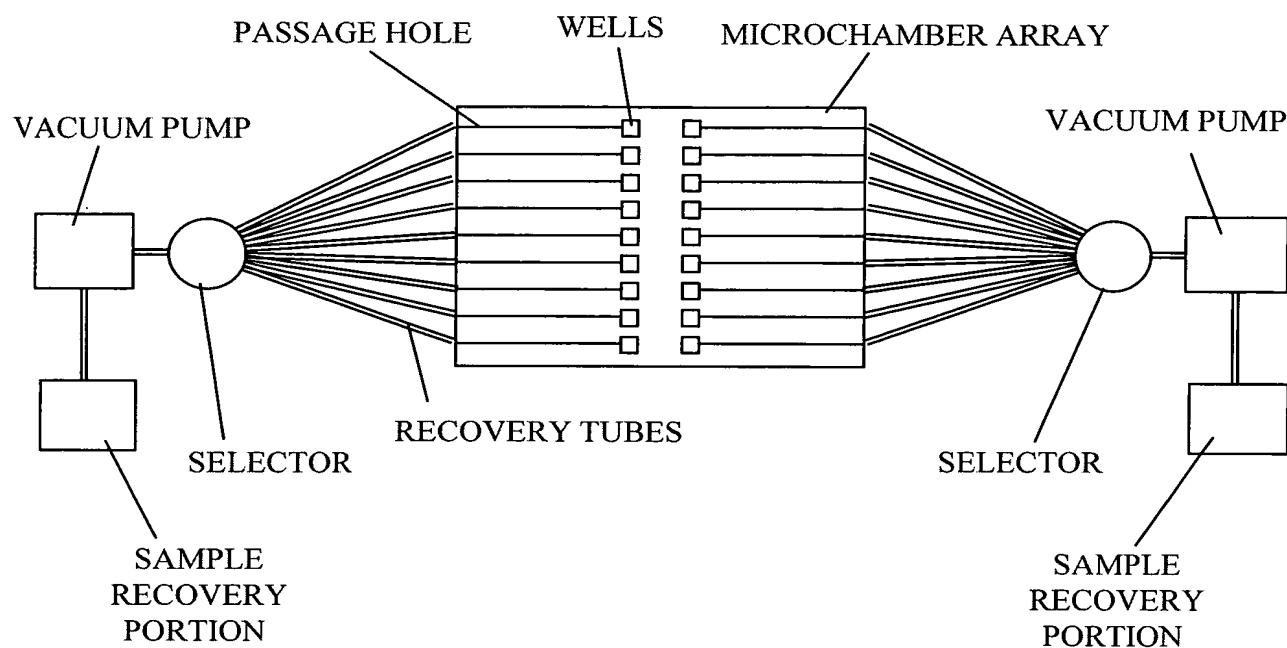


FIG.23

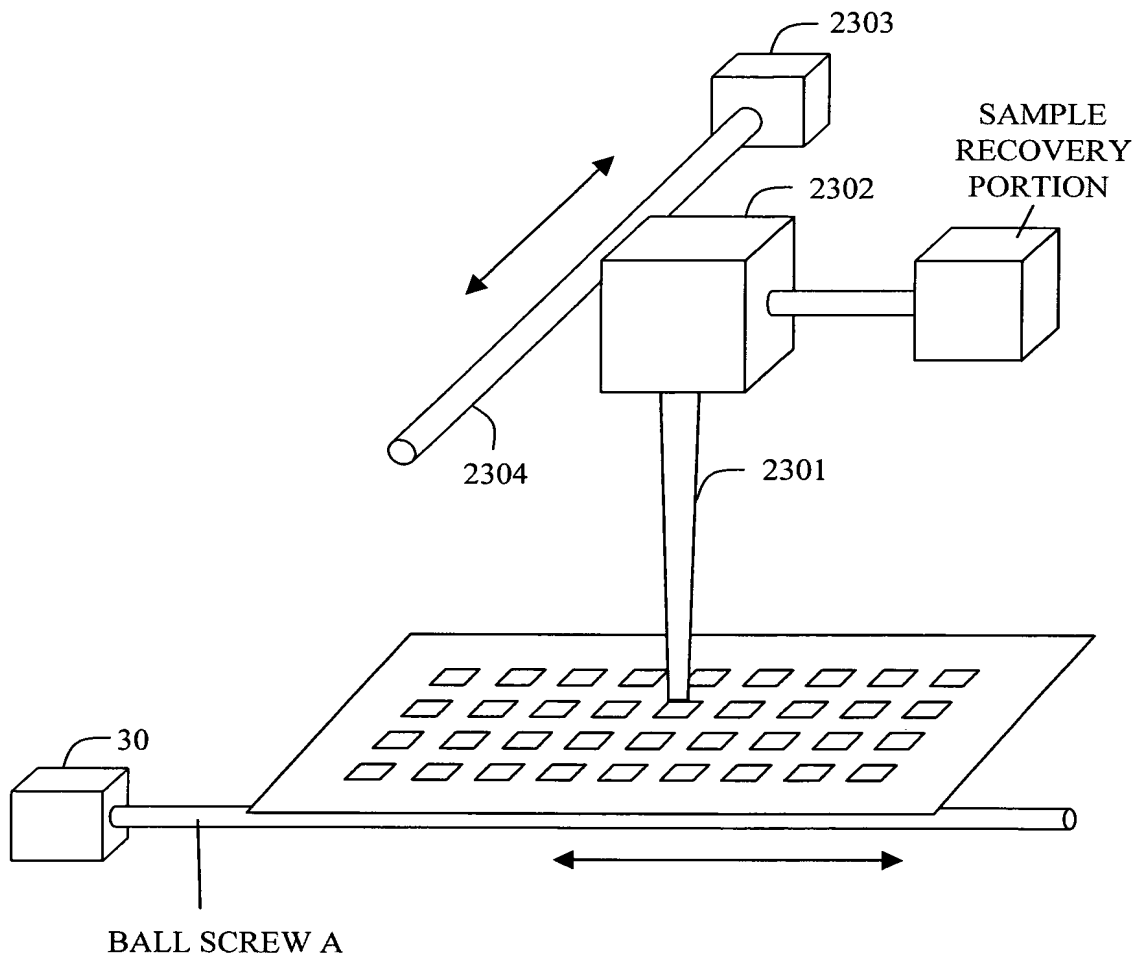


FIG.24

